

ABSTRACT

A refrigerator includes a Stirling refrigerating machine (1) having a high-temperature heat radiation portion (2) and a low-temperature heat absorption portion (3) and for cooling a freezing compartment, and a compressor (11) for circulating a first refrigerant through a first circulation circuit (5) having a cooling compartment evaporator (12). The high-temperature heat radiation portion (2) is in contact with a first circulation spiral portion (17) formed in the first circulation circuit (5).